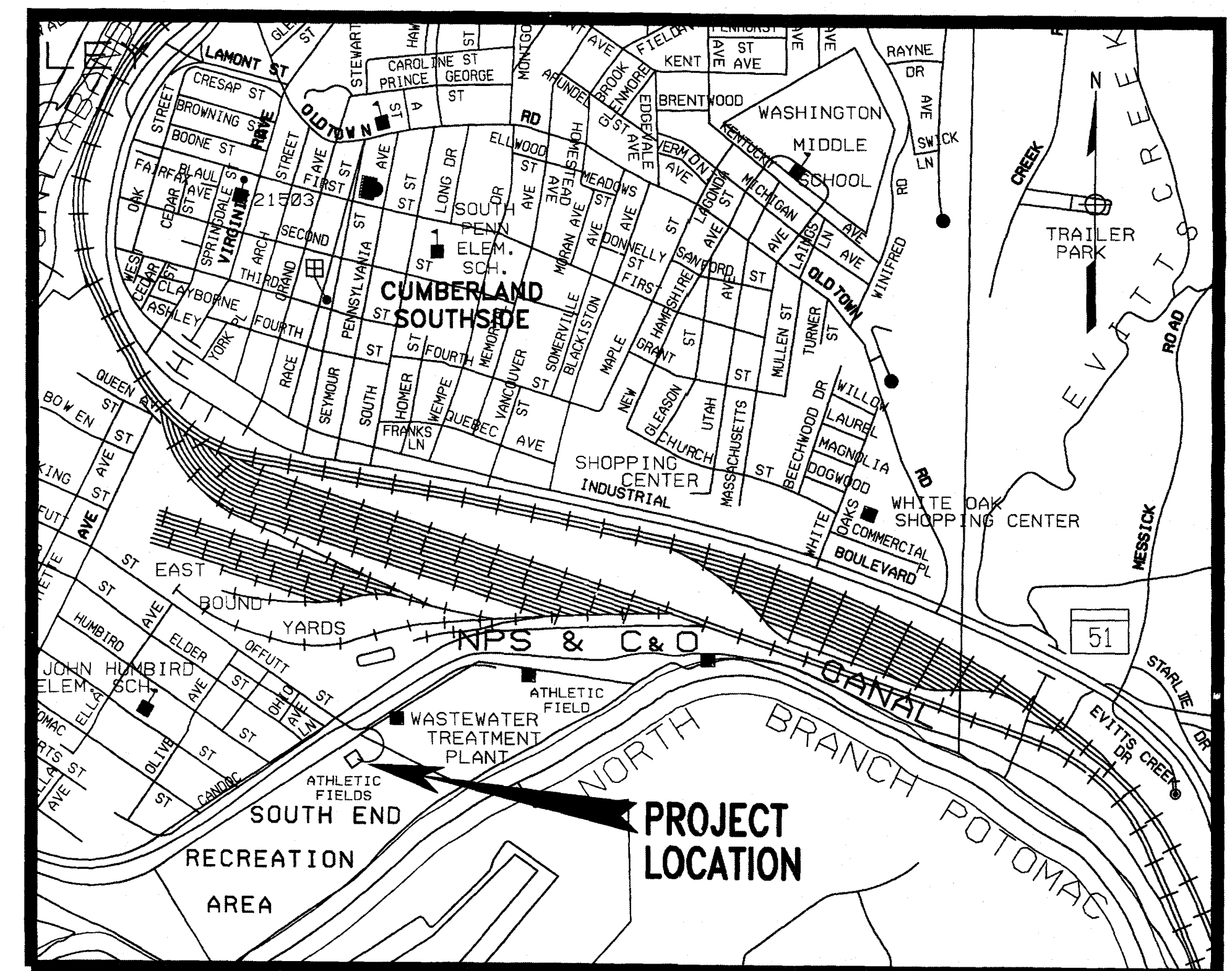
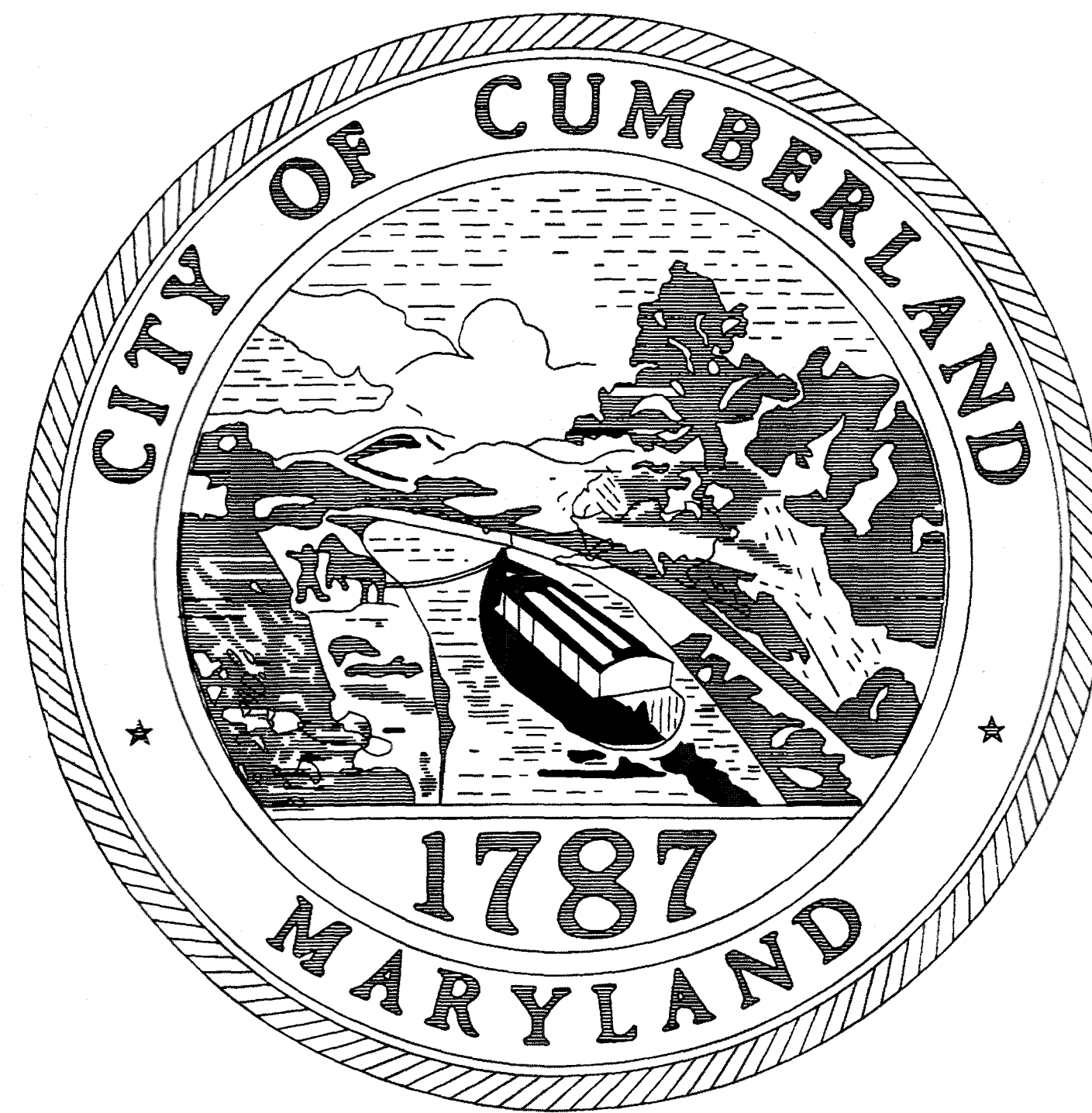
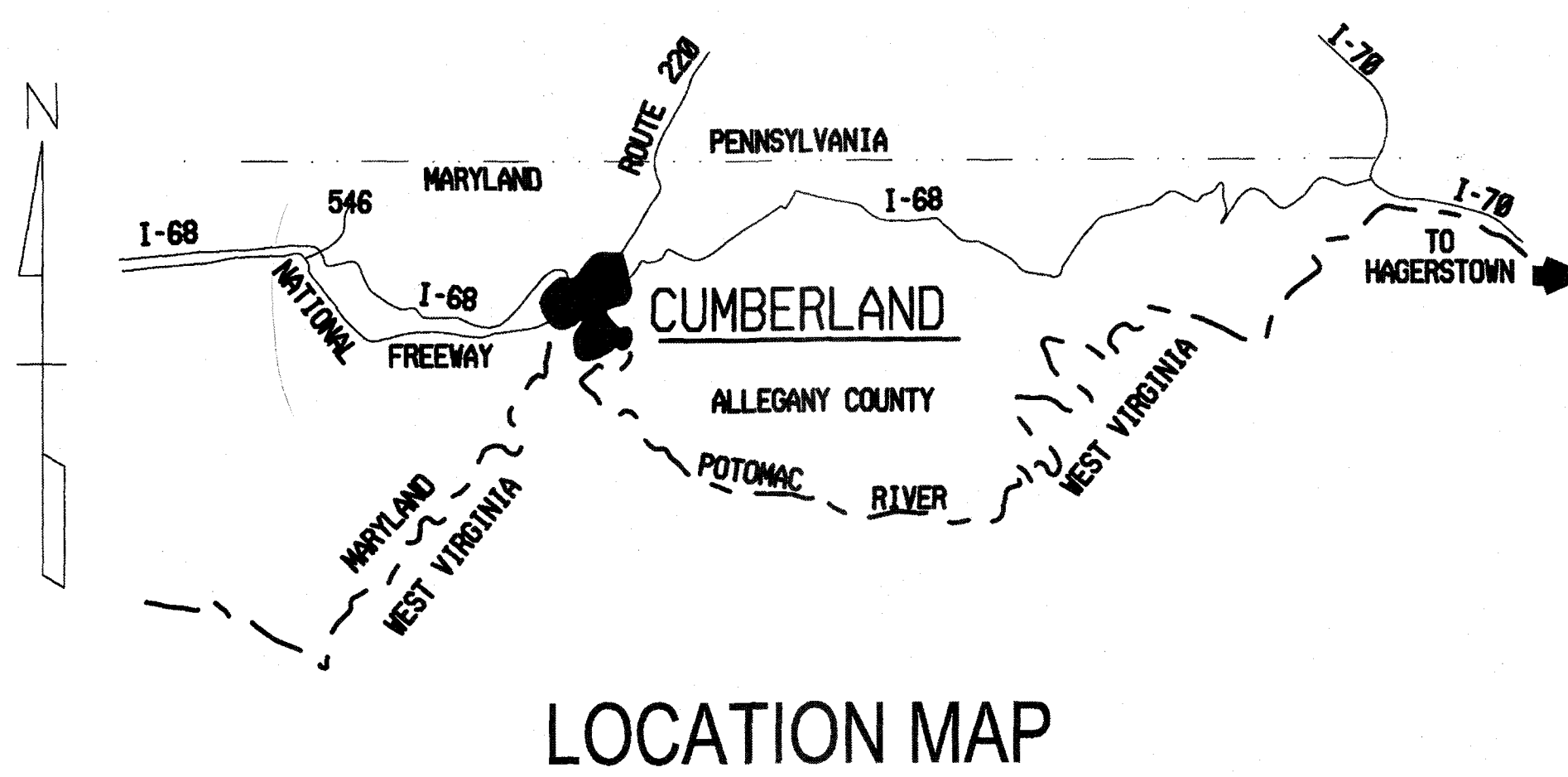


# CITY OF CUMBERLAND

## PHASE I

# CSO STORAGE FACILITY AT THE WASTEWATER TREATMENT PLANT



CITY PROJECT NO. 01-10-WWTP  
JULY 2016

"PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24478, EXPIRATION DATE: 10/28/2017."



CITY OF CUMBERLAND  
ENGINEERING

*John J. DiFonzo*  
JOHN J. DIFONZO P.E., CITY ENGINEER

8-15-16  
DATE



**Whitman, Requardt & Associates, LLP**  
801 South Caroline Street, Baltimore, Maryland 21231

DATE: JULY 2016

DWG.: G00.01

CITY PROJ. No.  
01-10-WWTP

SHEET 1 OF 136

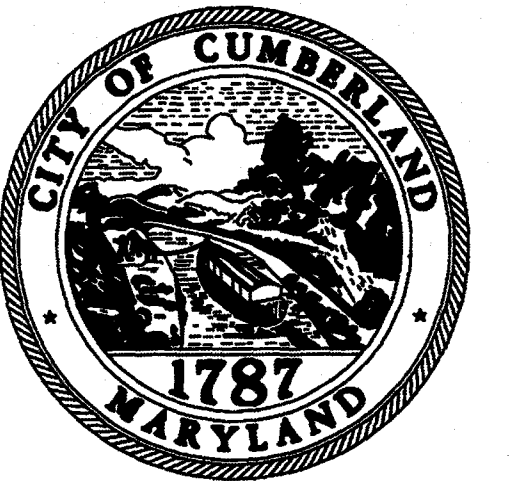


## LIST OF DRAWINGS

SHEET NO.	DRAWING NO.	TITLE	SHEET NO.	DRAWING NO.	TITLE	SHEET NO.	DRAWING NO.	TITLE
1	G00.01	TITLE SHEET/VICINITY MAP	59	S02.01	PUMP STATION/VENTILATION BUILDING LOWER PLAN	114	I00.00	I & C SYMBOLS, LEGENDS & ABBREVIATIONS
2	G00.02	LIST OF DRAWINGS	60	S02.02	PUMP STATION/VENTILATION BUILDING INTERMEDIATE PLAN	115	I00.01	CONTROL SYSTEM NETWORK ARCHITECTURE
3	G00.03	GENERAL NOTES/LEGEND	61	S02.03	PUMP STATION/VENTILATION BUILDING GRADE LEVEL PLAN	116	I00.02	CONTROL PANEL ELEVATION
4	C00.01	EXISTING SITE CONDITIONS, BORING, AND TEST PIT LOCATION PLAN	62	S02.04	PUMP STATION/VENTILATION BUILDING CRANE RAIL PLAN	117	I01.01	CSO STORAGE FACILITY CONTROL SYSTEM LAYOUT
5	C00.02	SITE CLEARING AND DEMOLITION PLAN	63	S02.05	PUMP STATION/VENTILATION BUILDING CEILING PLAN	118	I01.02	CSO STORAGE FACILITY CONTROL SYSTEM P&ID
6	C00.03	STAKEOUT PLAN	64	S02.06	PUMP STATION/VENTILATION BUILDING ROOF FRAMING PLAN	119	I01.03	CSO STORAGE FACILITY REMOTE IO CONTROL PANEL ECD
7	C00.04	STAKEOUT COORDINATES	65	S02.07	PUMP STATION/VENTILATION BUILDING CROSS SECTION	120	I01.04	CSO STORAGE FACILITY INSTRUMENTATION PLAN
8	C00.05	TEMPORARY SITE, GRADING, AND PAVING PLAN	66	S02.08	PUMP STATION/VENTILATION BUILDING LONGITUDINAL SECTION	121	I01.05	CSO STORAGE FACILITY INSTRUMENTATION PLAN
9	C00.06	FINAL SITE, GRADING, AND PAVING PLAN	67	S02.09	PUMP STATION/VENTILATION BUILDING SECTIONS AND DETAILS	122	I02.01	PUMP STATION/VENTILATION BUILDING SYSTEM LAYOUT
10	C00.07	UTILITY PLAN	68	S02.10	PUMP STATION/VENTILATION BUILDING SECTIONS AND DETAILS	123	I02.02	PUMP STATION/VENTILATION BUILDING CONTROL P&ID
11	C00.08	UTILITY PROFILES	69	S02.11	PUMP STATION/VENTILATION BUILDING SECTIONS AND DETAILS	124	I02.03	PUMP STATION/VENTILATION BUILDING CONTROL PANEL ECD
12	C00.09	UTILITY PROFILES	70	S03.01	OVERFLOW CHAMBER PLANS AND SECTIONS - 1	125	I02.04	PUMP STATION/VENTILATION BUILDING VFD ECD
13	C00.10	WATERLINE CONNECTIONS AND DETAILS	71	S03.02	OVERFLOW CHAMBER PLANS AND SECTIONS - 2	126	I02.05	PUMP STATION/VENTILATION BUILDING SEAL WATER STARTER ECD
14	C00.11	JUNCTION STRUCTURE SECTIONS AND CIVIL DETAILS	72	S03.03	OVERFLOW CHAMBER PLANS AND SECTIONS - 3	127	I02.06	PUMP STATION/VENTILATION BUILDING VENTILATION CONTROL PANEL ECD
15	C00.12	CIVIL DETAILS	73	S03.04	OVERFLOW CHAMBER PLANS AND SECTIONS - 4	128	I02.07	PUMP STATION/VENTILATION BUILDING WET WELL EXHAUST FAN ECD
16	C00.13	CIVIL DETAILS	74	S03.05	OVERFLOW CHAMBER PLANS AND SECTIONS - 5	129	I02.08	PUMP STATION/VENTILATION BUILDING STORAGE TANK SUPPLY/EXHAUST ECD
17	C00.14	BASKETBALL COURT DETAILS	75	S03.06	OVERFLOW CHAMBER PLANS AND SECTIONS - 6	130	I02.09	PUMP STATION/VENTILATION BUILDING INSTRUMENTATION PLAN
18	C03.01	OVERFLOW CHAMBER SECTIONS AND DETAILS	76	S03.07	OVERFLOW CHAMBER PLANS AND SECTIONS - 7	131	I02.10	PUMP STATION/VENTILATION BUILDING INSTRUMENTATION PLAN
19	C03.02	OVERFLOW CHAMBER SCREEN DETAILS	77	S03.08	OVERFLOW CHAMBER SECTIONS AND DETAILS	132	I02.11	PUMP STATION/VENTILATION BUILDING INSTALLATION DETAILS
20	SC00.01	STORMWATER, EROSION AND SEDIMENT CONTROL PLAN	78	M00.01	MECHANICAL ABBREVIATIONS AND SYMBOLS	133	I03.01	OVERFLOW CHAMBER SYSTEM LAYOUT
21	SC00.02	EROSION AND SEDIMENT CONTROL NOTES	79	M00.02	MECHANICAL HVAC ABBREVIATIONS AND LEGENDS	134	I03.02	OVERFLOW CHAMBER CONTROL SYSTEM P&ID
22	SC00.03	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS	80	M00.03	TYPICAL MECHANICAL DETAILS	135	I03.03	OVERFLOW CHAMBER REMOTE IO CONTROL PANEL ECD
23	A00.01	LEGEND, ABBREVIATIONS AND NOTES	81	M00.04	TYPICAL MECHANICAL DETAILS	136	I03.04	OVERFLOW CHAMBER INSTRUMENTATION PLAN
24	A00.02	DOORS AND LOUVER SCHEDULES AND DETAILS	82	M00.05	TYPICAL MECHANICAL DETAILS			
25	A00.03	GENERAL ARCHITECTURE DETAILS AND FINISHES	83	M00.06	TYPICAL MECHANICAL DETAILS			
26	A01.01	CSO STORAGE FACILITY GRADE LEVEL PLANS	84	M01.00	CSO STORAGE FACILITY 3D VIEW			
27	A01.02	CSO STORAGE FACILITY ROOF PLAN AND DETAILS	85	M01.01	CSO STORAGE FACILITY LOWER LEVEL PLAN			
28	A01.03	CSO STORAGE FACILITY BUILDING ELEVATIONS	86	M01.02	CSO STORAGE FACILITY UPPER LEVEL PLAN			
29	A01.04	CSO STORAGE FACILITY BUILDING ELEVATIONS	87	M01.03	CSO STORAGE FACILITY PROCESS SECTIONS			
30	A01.05	CSO STORAGE FACILITY PARTIAL BUILDING SECTIONS	88	M01.04	CSO STORAGE FACILITY ENLARGED PLANS AND SECTIONS			
31	A01.06	CSO STORAGE FACILITY WALL SECTIONS AND DETAILS	89	M01.05	CSO STORAGE FACILITY SECTIONS			
32	A02.01	PUMPING STATION/VENTILATION BUILDING GRADE LEVEL PLAN	90	M01.06	CSO STORAGE FACILITY ENLARGED PLAN AND SECTIONS			
33	A02.02	PUMPING STATION/VENTILATION BUILDING UPPER LEVEL PLAN	91	M01.07	CSO STORAGE FACILITY VENTILATION SCHEMATIC			
34	A02.03	PUMPING STATION/VENTILATION BUILDING ROOF PLAN	92	M01.08	CSO STORAGE FACILITY SCHEDULES AND DIAGRAMS			
35	A02.04	PUMPING STATION/VENTILATION BUILDING ELEVATIONS	93	M02.00	PUMP STATION/VENTILATION BUILDING 3D VIEW			
36	A02.05	PUMPING STATION/VENTILATION BUILDING SECTIONS	94	M02.01	PUMP STATION/VENTILATION BUILDING SCHEMATICS AND SYSTEM CURVES			
37	A02.06	PUMPING STATION/VENTILATION BUILDING SECTIONS	95	M02.02	PUMP STATION/VENTILATION BUILDING LOWER LEVEL PLAN			
38	A02.07	PUMPING STATION/VENTILATION BUILDING WALL SECTIONS	96	M02.03	PUMP STATION/VENTILATION BUILDING GRADE LEVEL PLAN			
39	A02.08	PUMPING STATION/VENTILATION BUILDING WALL SECTIONS	97	M02.04	PUMP STATION/VENTILATION BUILDING SECTIONS			
40	A02.09	PUMPING STATION/VENTILATION BUILDING PLAN DETAILS	98	M02.05	PUMP STATION/VENTILATION BUILDING SECTIONS			
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42	S00.01	GENERAL STRUCTURAL NOTES, CODES, AND LOADS	100	E00.01	ABBREVIATIONS, SYMBOLS AND GENERAL NOTES			
43	S00.02	TYPICAL STRUCTURAL DETAILS	101	E00.02	ELECTRICAL SITE PLAN			
44	S00.03	TYPICAL STRUCTURAL DETAILS	102	E01.01	CSO STORAGE FACILITY UPPER LEVEL POWER PLAN			
45	S00.04	TYPICAL STRUCTURAL DETAILS	103	E01.02	CSO STORAGE FACILITY UPPER LEVEL LIGHTING PLAN			
46	S00.05	TYPICAL STRUCTURAL DETAILS	104	E01.03	CSO STORAGE FACILITY PANEL SCHEDULE			
47	S00.06	TYPICAL STRUCTURAL DETAILS	105	E02.01	PUMP STATION/VENTILATION BUILDING ONE LINE DIAGRAM			
48	S01.01	CSO STORAGE FACILITY FOUNDATION PLAN	106	E02.02	PUMP STATION/VENTILATION BUILDING MOTOR CONTROL CENTER (MCC) ELEVATION			
49	S01.02	CSO STORAGE FACILITY CATWALK AND MID-LEVEL PLATFORM FRAMING PLANS	107	E02.03	PUMP STATION/VENTILATION BUILDING POWER PLAN			
50	S01.03	CSO STORAGE FACILITY ROOF FRAMING PLAN	108	E02.04	PUMP STATION/VENTILATION BUILDING LIGHTING PLAN			
51	S01.04	CSO STORAGE FACILITY STAIR ENLARGEMENTS AND ROOF FRAMING PLANS	109	E02.05	PUMP STATION/VENTILATION BUILDING LIGHTING FIXTURE AND PANEL SCHEDULE			
52	S01.05	CSO STORAGE FACILITY TYPICAL DETAILS	110	E02.06	PUMP STATION/VENTILATION BUILDING MOTOR CONTROL CENTER SCHEDULE			
53	S01.06	CSO STORAGE FACILITY TYPICAL DETAILS AND SCHEDULES	111	E02.07	PUMP STATION/VENTILATION BUILDING GROUNDING DETAILS			
54	S01.07	CSO STORAGE FACILITY TYPICAL DETAILS	112	E03.01	OVERFLOW CHAMBER SCREEN POWER PLAN			
55	S01.08	CSO STORAGE FACILITY TYPICAL DETAILS	113	E03.02	OVERFLOW CHAMBER SITE PLAN			
56	S01.09	CSO STORAGE FACILITY SECTIONS						
57	S01.10	CSO STORAGE FACILITY SECTIONS						
58	S01.11	CSO STORAGE FACILITY SECTIONS						

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FACILITY	NO.
GENERAL NOTES, SYMBOLS, ABBREVIATIONS, DETAILS	00
CSO STORAGE FACILITY	01
PUMP STATION/VENTILATION BUILDING	02
OVERFLOW CHAMBER	03



**CITY OF CUMBERLAND MARYLAND**

ENGINEERING DEPARTMENT

PROJECT TITLE

PHASE I  
CSO STORAGE FACILITY AT THE  
WASTEWATER TREATMENT PLANT



Whitman, Requardt & Associates, LLP  
851 South Caroline Street, Baltimore, Maryland 21201

DRAWING TITLE

**LIST OF DRAWINGS**

GRAPHIC SCALE

FOR LIST OF DRAWINGS SEE  
SHEET 2. FOR GENERAL LEGEND AND  
ABBREVIATIONS SEE SHEET 3 AND  
REFER TO NOTE 23.

REVISION	No.	DATE

REFERENCE DRAWING	No.

FIELD BOOK REF.	BOOK	PAGE

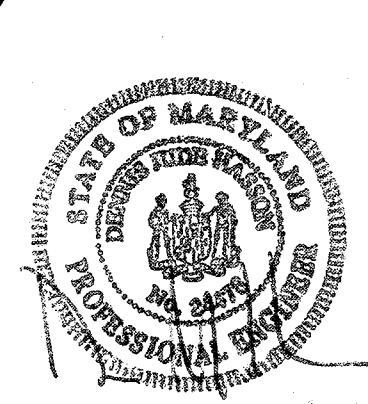
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DRAWN BY: ACM/GWG	FIELD BOOK No.:
CHECKED BY: MB	TRACED BY:

SCALE	HORIZONTAL: NTS
	VERTICAL: NTS

DATE: JULY 2016      DWG.: **G00.02**

CITY PROJ. No. 01-10-WWTP      SHEET 2 OF 136

CITY DRAWING REFERENCE NUMBER: C2509



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